K

Depth 6	Contents 7	Reference to last Measurement 8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

1st and final bill:-

Serial No. Premeasurements

497122

Name of Work Desilting and repairs From to sidewalls of To Tertiary drains -Amruthahalli in ward no:07 - byatarayanapura.

Name of Contractor of nature of Agency

Date of commencement of work → M/S.KRIDL.

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Est cost:-	Rs.1000 lathe					
	Job number:-	007-18-000083.					
	Head of account:-	P3297					
	D.S.NO:-	AS|EE|BTP|69|18-19, dt: 01.02.19					
	T.S.NO:-	TS|EE|BTP|104|18-19, dt: 01.02.19					
	Agr no:-	NO.EE|BTP|Agr|244|18-19; dt: 28.02.19					
	Work order no:-	NO.EE|BTP|WO|244|18-19; dt: 28.02.19					
	Work order:-	9,99,656.68 /- (Including KRIDL charges)					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.01:- Premeasurements recorded on: 1-3-19						
	Earthwork excavation by manual means in ordinary soil., from venkateshwara temple towards Janatha colony - Amruthahalli.						
	0-30	01	30.0	1.20	0.90	= 32.40	
	30-60	01	30.0	1.20	0.90	= 32.40	
	60-87	01	27.0	1.20	0.90	= 29.16	
						93.96 cum	

Cath

Assistant Executive Engineer
Rodigehalli Sub Division
Yelahanka

Checked by N.D
AE(W)

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
	Item No.02:- Premeasurements	
	Providing and layi	
	1:4:8 with OPC @180kgs.,	
	0-30	
	30-60	
	60-87	
	Qty to	

BOOK

s		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
3-19			
ans. in ordinary soil.,			
20	0.90	= 32.40	
20	0.90	= 32.40	
20	0.90	= 29.16	
		93.96 cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497123

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Item.No.02:- Premeasurements recorded on: 11-3-19						
	Providing and laying in position plain cement concrete of nominal mix 1:4:8 with OPC @180kgs., using 40mm.,						
	0-30	01	30.0	1.20	0.15	= 5.40	
	30-60	01	30.0	1.20	0.15	= 5.40	
	60-87	01	27.0	1.20	0.15	= 4.86	
						15.66 cum	
	Qty tkd to . 14.31 cum						

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.
AE(wz)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No. 04:- Premeasurements recorded on:			13-3-19			
	Providing TMT steel reinforcement.,		L	No of rods	Le of V bar	Total length 10 mm	8mm
	Main rod 0-30	01	30.0	420	2.55	1071	-
	Distribution	-	-	09	30	-	270
	Main rod 30-60	01	30.0	418	2.55	1065.9	-
	Distribution	-	-	09	30	-	270
	Main rod 60-87	01	27.0	379	2.55	966.45	-
	Distribution	-	-	09	27	-	243
						3103.35	783
						e 0.62 kg/cum	e 0.39 kg/cum

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
	Item No. 05:- Premeasurement	
	Providing and rem	
	etc., of columns.,	
	SIDEFALL:- 0-30	1x

Contents	Reference to last Measurement
7	8
Total length 10 mm	8mm
1071	-
-	270
1065.9	-
-	270
966.45	-
-	243
3103.35	783
@ 0.62 kg/cum	@ 0.39 kg/cum

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497124

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						1924.08	313.20 305.37
					2229.45	2237.27 = 2.23 tonne	
					2.22		Multiply. N.D DE(WA)
	Item NO.05:- Pre measurements recorded on: 13-3-19						
	Providing and removing centering, shuttering, strutting, propping etc., of columns.,						
	SIDE infill:-	0-30	1x4=4	30.0	-	0.90 = 108.0	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	30-60	1x4=4	30.0	-	1.20	= 144.0	
	60-87	1x4=4	27.0	-	1.20	= 129.60	
						381.60 Sqm	

Cr. 108-00

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Dobbly. N.D
AE(W2)

M. A
Me

Serial No. MAIN-BILL:
Name of Work ..... Fron
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	Item.No.01:- Earthwork excavatio	
	an average horizontal throw	
	excavated surface levelled	
	earth to be levelled neatly	
	Qty vide page no 49	
	At the rate of Rs. 137.	
	Item.No.02:- Providing and lay	
	nominal mix 1:4:8 with op	
	granite metal coarse agg	

pth	Contents	Reference to last Measurement
6	7	8
0 =	144.0	
0 =	129.60	
	381.60 Sqm	
Y.N.D		
=(W)		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497125

Serial No. MAIN-BILL:

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item.No.01:- Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2m and an average lift upto 1.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete.,						
	Qty vide page no 497 122 →			93.96 cum			
	At the rate of Rs. 137.80 →						12947.69
	Item.No.02:- Providing and laying in position plain cement concrete of nominal mix 1:4:8 with opc cement @ 140 kgs and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	e·0.57 cum machine mixed, concrete laid in layers not exceeding 15cms th well compacted in foundation and including cost of all materials labour, HOM of machinery., curing.,						
	Qty vide page no. 497123 →		14.31 cum				
	At the rate of Rs. 5408.12 →						77390.20
	Item No 04:- Providing TMT steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position lapping and /or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete.,						

Serial No. .....
Name of Work .....
Name of Contractor of nature o
Date of commencement of wor

Date	Full description, etc,
1	2
	Qty vide pa
	At the ra
	Item No 05:- Provi
	propping etc.,
	Square / rectan
	materials, lab
	Qty vide
	At the ra

OK

Depth 6	Contents 7	Reference to last Measurement 8
in layers not ondation and reloding chinery., curing.,		
		77390.20
for RCC work including ing, placing in position ered, tying with binding members wherever		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497126

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty vide page no.	497124 →		2.23 tonne			166997.00
	At the rate of Rs.	75223.96 →		2.22			167749.43
	Item No. 05:- Providing and removing, centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutment, post and struts, square/rectangular slab/sidewall polygon in plan including cost of materials, labour complete.,						
	Qty vide page no. 497124 →			381.60 sqm			
	At the rate of Rs. 483.36 →						184450.18

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 03:- Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with 20mm & down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastizer @ 3 lts confirming to IS. concrete laid in layers not exceeding 15 cm th, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls, return walls, or facing courses parapets copings, bed blocks, plain window cills fillets etc., including cost of all materials labour, HOM of machinery curing complete.,						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Rec-drain-Bottom: 0-30 30-60 60-87 side-wall:- 0-30 30-60 60-87 At the rate of Rs

OK

Depth 6	Contents 7	Reference to last Measurement 8
	reinforced cement concrete	
	ge with xoxm & duxm	
	gregates @ 0.878 cum	
	superplastizer @ 3 lts	
	ol exceeding 15 cm th,	
	th and ground floor	
	aining walls, returnwalls,	
	ed blocks, plain window	
	erials labour, HOM	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 7127

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Rec-drain-Bottom:						
	0-30	01	30.0	1.20	0.15	= 5.40	
	30-60	01	30.0	1.20	0.15	= 5.40	
	60-87	01	27.0	1.20	0.15	= 4.86	15.66
						16.66 cum.	
	side-wall:-						
	0-30	1×2=2	30.0	0.15	0.90	= 8.10	
	30-60	1×2=2	30.0	0.15	0.90	= 8.10	
	60-87	1×2=2	27.0	0.15	1.0	= 8.10	24.30
						24.50 cum	
				Total=		40.50 cum	
	At the rate of Rs.	5998.54				39.96	242940.87
							239702.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.06:- Providing and fixing 10cms th., pre-cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregates 20mm and down size including centering shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15cm th, well compacted cost of all materials, labour curing complete.,						
	covering slab:- 0-30	50	0.60	0.90	=27.0		
	30-60	50	0.60	0.90	=27.0		
	60-87	48	0.60	0.90	=25.92		
					79.92 sqm		
	Qty ltd to	79.50 sqm					
	At the rate of Rs.	2100.00 →					166950.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
	Item No.07:- loading and un	
	Qty vide item no(01)	
	At the rate of Rs.	93
		94

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

AE(1st) 11/9/19

OK

Depth 6	Contents 7	Reference to last Measurement 8
ast RCC covering slab		
with stone aggregates		
shuttering reinforcement		
e laid in layers not		
of all materials, labour		
=27.0		
=27.0		
=25.92		
79.92 sqm		166950.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497128

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No.07:- loading and unloading charges.						
	Qty vide item no(01) →		94.86 cum			93.96	8864.00
	At the rate of Rs	93.34 →					8949.00
		94.34					
					Subtotal =		861377.45
					Add 12% GST charges=		103365.29
					Add 3% KBJDL charges =		25841.32
					Add 1% labour cess =		8613.77
					Grand total =		999197.85

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

AE(NT) 11/9/19

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

towards Rachenahalli

Janatha colony

RCC-drain

Venkateshwara temple.

Existing drain

towards Amruthahalli

INDEX

RCC-drain

Apply. No.
AEE

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, BBMP.

Serial No. Royalty charges:

Name of Work .....

Name of Contractor of nature of Agency ..

Date of commencement of work .....

Date	Full description, etc, of work
1	2
Sl.no	Details
02	40mm - 14.31 cum
05	M20 - 40.50 cum.
	Total =
	Abstract:-
	1). coarse aggregate:
	2). fine aggregate:

OK

Depth 6	Contents 7	Reference to last Measurement 8

INDEX

RCC drain

Executive Engineer,
Sub Division,
Zone BBMP

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497129

Serial No. Royalty charges:

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number	Length (Coarse) 4	Breadth (Fine) 5	Depth 6		
Sl.no	Details	co-eff	qty	co-eff	qty.		
02	40mm - 14.31 cum	0.96	13.73	0.48	6.87		
05	M20 - 40.50 cum.	0.90	36.45	0.45	18.23		
	Total =		50.18		25.10		
	Abstract:-						
	1). Coarse aggregate:	50.18 x	105 cum	=	5268.90		
	2). Fine aggregate:	25.10 x	103 cum	=	2585.30		
					7854.20		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate:-						
	1) Certified that the contractor has completed the work satisfactorily.						
	2) Certified that debris has been removed from work spot.,						
	Abhilash.N.D AE(civil)						
	Assistant Executive Engineer, Byatarayanapura Sub-division KRIDL, BBMP, Bangalore						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	1st & Final

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P-3297
ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 99440 ಗಳನ್ನು
ಇದರಲ್ಲಿ ರೂ. 99808 ಗಳನ್ನು
ಮಾಡಿತೊಂದು ರೂ 994592-

FT/NEFT/RTGS ಮುಖಾಂತರ ನಿಬಂಧ

ನಿರ್ವಾಹಕರು
ಲೆಕ್ಕಾಧಿಕಾರಿಯವರು
ಬ್ಯಾಡರಾಯನಪುರ ವಿಭಾಗ
ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು
ಕಾರ್ಯನಿ
ಬ್ಯಾಡರಾ
ಬೃ.ಬೆ.ಮ

BOOK

ns		Contents	Reference to last Measurement
adth 5	Depth 6	7	8

pleted the work satisfactorily.
d from Worksspot.,

M. A. R. 57 (Rule 116)
Measurement Book

No. B 130

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	1st & Final						
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P-3297 ರಡಿ ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 994400 ಗಚನ್ನು ಪಾಸು ಮಾಡಿದೆ. ಇದರಲ್ಲಿ ರೂ. 99808 ಗಚನ್ನು ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ರೂ 894592-00 ಗಚನ್ನು FT/NEFT/RTGS ಮುಖಾಂತರ ನಿರ್ವಹಣೆ ಸಿಬ್ಬಂದಿ ನಿರ್ವಾಹಕರು ಲೆಕ್ಕಶೀರ್ಷಿಕೆಯ ಅಧಿಕಾರಿ ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು						
	BD 994400-00 ED 49800-00 PW 19900-00 EST 8879-00 EST 8879-00 GF 1000-00 Deposit 10000-00 Fine 1350-00 99808-00 894592-00						